

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	400	clean\$3 near5 chamber same (oxygen "o.sub.2") same (hydrogen "h.sub.2") same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 10:52
S2	287	S1 and metal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 10:53
S3	123	S1 and metallic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 11:05
S4	5	S3 not S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 11:05
S5	1727	clean\$3 near5 chamber and (oxygen "o.sub.2") same (hydrogen "h.sub.2") same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:33
S6	815	clean\$3 near5 chamber and (oxygen "o.sub.2") same (hydrogen "h.sub.2") and inert near gas same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:33
S7	1	S6 and semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:33
S8	706	S6 and semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:33

S9	0	S8 and mettalic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:34
S10	0	S8 and metallic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:34
S11	246	S8 and metallic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:34
S12	400	clean\$3 near5 chamber same (oxygen "o.sub.2") same (hydrogen "h. sub.2") same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:35
S13	123	S12 and metallic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:35
S14	183	S11 not S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/12 13:35
S15	43	("5166856"   "5191506"   "5207437"   "5298720"   "5382311").PN. OR ("5507874").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 13:44
S16	6	("4534921"   "5410122").PN. OR ("5770000").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 13:52
S17	15	("5226967"   "5346578"   "5522934"   "5683548"   "5964949"   "5982100"   "6132551"   "6220201"   "6417626"   "6494998").PN. OR ("6652711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 13:55

S18	4495	plasmas near3 generated same microwaves	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:27
S19	1262	S18 and antenna	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:27
S20	1043	S19 and chamber	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:27
S21	871	S20 and semiconductor	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:27
S22	97	S21 and inductive near coupling	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:28
S23	1	S22 and intensity same radical\$2 same end near point	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:29
S24	43	intensity same radical \$2 same end near point and semiconductor	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/12 14:30
S25	2617	clean\$3 same chamber and (oxygen "o. sub.2") same (hydrogen "h.sub.2") same (inert inactive near gas ar he)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 07:55
S26	953	S25 and tungsten	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 07:56
S27	856	S26 and plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 07:59
S28	756	S27 and semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 07:59
S29	740	S28 and pressure	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 08:01
S30	400	clean\$3 near5 chamber same (oxygen "o.sub.2") same (hydrogen "h. sub.2") same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 08:02

S31	123	S30 and metallic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 08:02
S32	725	S29 not S31	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 08:02
S33	22	("3630051"   "4488506"   "4655800"   "4796562"   "4886444"   "5069887"   "5127365"   "5186120"   "5203956"   "5211796"   "5250323"   "5405445").PN. OR ("5797195").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 08:37
S34	22	("20010016226"   "20010046768"   "20020028555"   "20020063110"   "20020189757"   "4898798"   "5254505"   "5282925"   "5303671"   "5730803"   "5838055"   "5876879"   "6071815"   "6074951"   "6159297"   "6245619"   "6271094"   "6335261"   "6828254").PN. OR ("6951821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/16 09:17
S35	2	((("5756400") or ("6613682"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/18 10:30
S36	2666	microwave same antenna same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 13:38

S37	351	S36 and clean\$3 same chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 13:39
S38	247	S37 and semiconductor and (w tungsten)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 13:40
S39	134	S38 and slots	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 13:45
S40	14	measur\$4 same emission same radicals same increas\$3 and end near point	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 14:09
S41	17	measur\$4 same radicals same increas \$3 and end near point and emission near intensity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 14:14
S42	7	S41 not S40	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 14:15
S43	114	clean\$3 near5 chamber same contaminant and (oxygen "o.sub.2") same (hydrogen "h. sub.2") and inert near gas same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 14:53
S44	103	S43 and semiconductor	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 14:54
S45	1556	(clean\$3 remov\$3) same metal near oxide same chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/10 23:29

S46	1556	(clean\$3 remov\$3) same metal near oxide same chamber	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/10 23:46
S47	180	S46 and (oxygen "o. sub.2") same (hydrogen "h.sub.2") same plasma	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/10/10 23:46

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2079	216/67.ccls.	USPAT; UPAD	OR	ON	2010/10/11 20:46
L4	1443	134/1.1,22.1.ccls.	USPAT; UPAD	OR	ON	2010/10/11 20:47
L5	0	("o.sub.2" same "h. sub.2" same inactive same ratio same cleaning and plasma same cleaning same chamber).clm.	USPAT; UPAD	OR	ON	2010/10/11 20:54

**10/11/2010 8:58:42 PM****C:\Documents and Settings\ddeo\My Documents\EAST\Workspaces\10589511.wsp**